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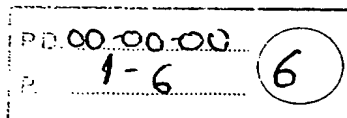
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09/69, 915

## (C) FILE CA

XP-002171352

AN - 126:196420 CA  
 TI - Synergistic selective herbicide compositions  
 IN - Mitsuru, Shibata; Nasuno, Ichiro; Nakamura, Kazufumi; Koike, Kazuyoshi; Yoshikawa, Misako  
 PA - Idemitsu Kosan Co., Ltd., Japan  
 SO - S. African, 157 pp.  
 CODEN: SFXAB  
 DT - Patent  
 LA - English  
 IC - ICM A01N  
 CC - 5-3 (Agrochemical Bioregulators)  
 Section cross-reference(s): 28



## FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	ZA9510980	A	19960625	ZA 1995-10980	19951227
OS	MARPAT 126:196420				
GI	Diagram(s) available in offline prints and/or printed CA Issue.				
AB	The title compns. contain a pyrazole deriv. I [R1 = alkyl or (halo)alkenyl; R2-R6 = H, (halo)alkyl or alkoxyalkyl; X = R2, halo or (halo)alkoxy; n,p = 0, 1 or 2; Q = AB; A = SO2, CO, CH2CO, etc.; B = (cyclo)alkyl, (un)substituted Ph, etc.; Z = CR7R8, CH(OR9), etc.; R7 = H or (halo)alkyl; R8 = H, alkyl, etc.; R9 = (halo)alkyl, cycloalkyl, etc.] or a I salt; and at least one herbicide selected from choroacetamide, imidazoline or other known herbicides. The prepn. of I is given.				
ST	pyrazole deriv prepn synergism herbicide compn				
IT	Herbicides				
	(selective synergistic; pyrazole derivs.-contg. compns.)				
IT	165041-67-8P	165041-73-6P	169285-02-3P	169285-09-0P	169285-27-2P
	169285-40-9P				
	RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. as component in synergistic selective herbicide compns.)				
IT	70-11-1, Phenacyl bromide	98-59-9, 4-Toluenesulfonyl chloride	594-44-5, Ethanesulfonyl chloride	2719-27-9, Cyclohexylcarbonyl chlori	10147-36-1, Propanesulfonyl chloride
	153329-84-1	154119-49-0	107296-34-4, 1-Ethyl-5-hydroxypyrazole	153329-84-1	154119-49-0
	RL: RCT (Reactant)				
	(reagent in prepn. of component in synergistic selective herbicide compns.)				
IT	187809-76-3	187809-77-4	187809-78-5	187809-79-6	
	187809-80-9	187809-82-1	187809-83-2	187809-84-3	
	187809-85-4	187809-87-6	187809-88-7	187809-89-8	187809-90-1
	187809-91-2	187809-92-3	187809-93-4	187809-94-5	187809-95-6
	187809-96-7	187809-97-8	187809-98-9	187809-99-0	
	187810-00-0	187810-01-1	187810-02-2	187810-03-3	187810-04-4
	187810-05-5	187810-06-6	187810-08-8	187810-09-9	187810-10-2
	187810-11-3	187810-12-4	187810-13-5	187810-14-6	
	187810-15-7	187810-16-8	187810-17-9	187810-18-0	187810-19-1
	187810-20-4	187810-21-5	187810-22-6	187810-23-7	187810-24-8
	187810-25-9	187810-26-0	187810-28-2	187810-30-6	
	187810-32-8	187810-34-0	187810-36-2	187810-38-4	187810-40-8
	187810-42-0	187810-44-2	187810-46-4	187810-47-5	---187810-49-7--
	187810-50-0	187810-52-2	187810-54-4	187810-56-6	187810-57-7
	187810-59-9	187810-61-3	187810-63-5	187810-65-7	187810-67-9
	RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)				
	(synergistic selective herbicide compn.)				
IT	94-75-7D, 2,4-D, mixts. with pyrazole derivs.	330-55-2D, Linuron, mixt with pyrazole derivs.	1689-84-5D, Bromoxynil,	mixts. with pyrazole	

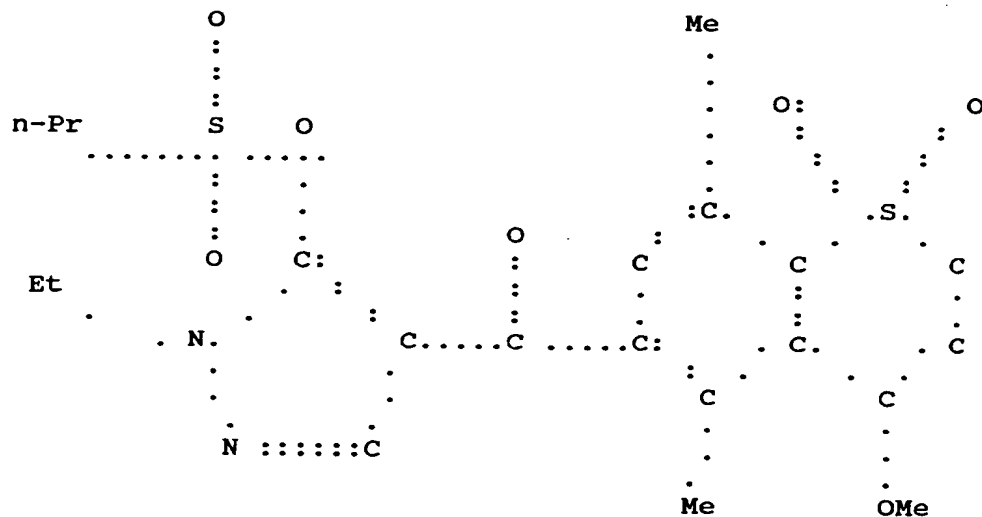
derivs. 1702-17-6D, Clopyralid, mixts. with pyrazole derivs.  
 1912-24-9D, Atrazine, mixts. with pyrazole derivs. 1918-00-9D, Dicamba  
 mixts. with pyrazole derivs. 15972-60-8D, Alachlor, mixts. with pyrazo  
 derivs. 21087-64-9D, Metribuzin, mixts. with pyrazole derivs.  
 21725-46-2D, Cyanazine, mixts. with pyrazole derivs. 25057-89-0D,  
 Bentazone, mixts. with pyrazole derivs. 34256-82-1D, Acetochlor, mixts  
 with pyrazole derivs. 40487-42-1D, Pendimethalin, mixts. with pyrazole  
 derivs. 51218-45-2D, Metolachlor, mixts. with pyrazole derivs.  
 55512-33-9D, Pyridate, mixts. with pyrazole derivs. 81335-77-5D,  
 Imazethapyr, mixts. with pyrazole derivs. 81405-85-8D, Imazamethabenz  
 methyl, mixts. with pyrazole derivs. 87674-68-8D, Dimethenamid, mixts.  
 with pyrazole derivs. 111578-32-6D, Metobenzuron, mixts. with pyrazole  
 derivs. 111991-09-4D, Nicosulfuron, mixts. with pyrazole derivs.  
 113036-87-6D, Primisulfuron, mixts. with pyrazole derivs. 122931-48-0D  
 Rimsulfuron, mixts. with pyrazole derivs.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (synergistic selective herbicide compns.)

s 187809-78-5/rn or 187809-84-3/rn or 187809-98-9/rn or 187810-12-4/rn or 18781  
 1 187809-78-5/RN  
 1 187809-84-3/RN  
 1 187809-98-9/RN  
 1 187810-12-4/RN  
 1 187810-25-9/RN  
 L15 5 187809-78-5/RN OR 187809-84-3/RN OR 187809-98-9/RN OR 187810-12-  
 4/RN OR 187810-25-9/RN

? dis scan

L15 5 ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Benzoic acid, 3,6-dichloro-2-methoxy-, mixt. with 4-[(3,4-dihydro-4-  
 methoxy-5,8-dimethyl-1,1-dioxido-2H-1-benzothiopyran-6-yl)carbonyl]-1-  
 ethyl-1H-pyrazol-5-yl 1-propanesulfonate (9CI)  
 MF C21 H28 N2 O7 S2 . C8 H6 Cl2 O3  
 CI MXS

CM 1



CM 2

COC(=O)C1=CC=C(C=C1)C(=O)Cl

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1): 4

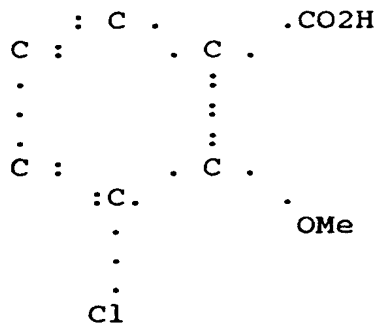
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L15  5 ANSWERS      REGISTRY  COPYRIGHT 2001 ACS
IN   Benzoic acid, 3,6-dichloro-2-methoxy-, mixt. with (3,4-dihydro-4-methoxy
    5,8-dimethyl-1,1-dioxido-2H-1-benzothiopyran-6-yl)[1-ethyl-5-[[4-
    methylphenyl)sulfonyl]oxy]-1H-pyrazol-4-yl]methanone (9CI)
MF   C25 H28 N2 O7 S2 . C8 H6 Cl2 O3
CI   MXS
```

CM 1

Chemical structure diagram showing a complex molecule with various functional groups and substituents. The structure includes a central sulfur atom (S) bonded to two oxygen atoms (O) and a chain of atoms including carbon (C), nitrogen (N), and sulfur (S). Substituents include a methyl group (Me), an ethyl group (Et), and a thioether group (-S-). The diagram illustrates the connectivity and stereochemistry of the molecule.

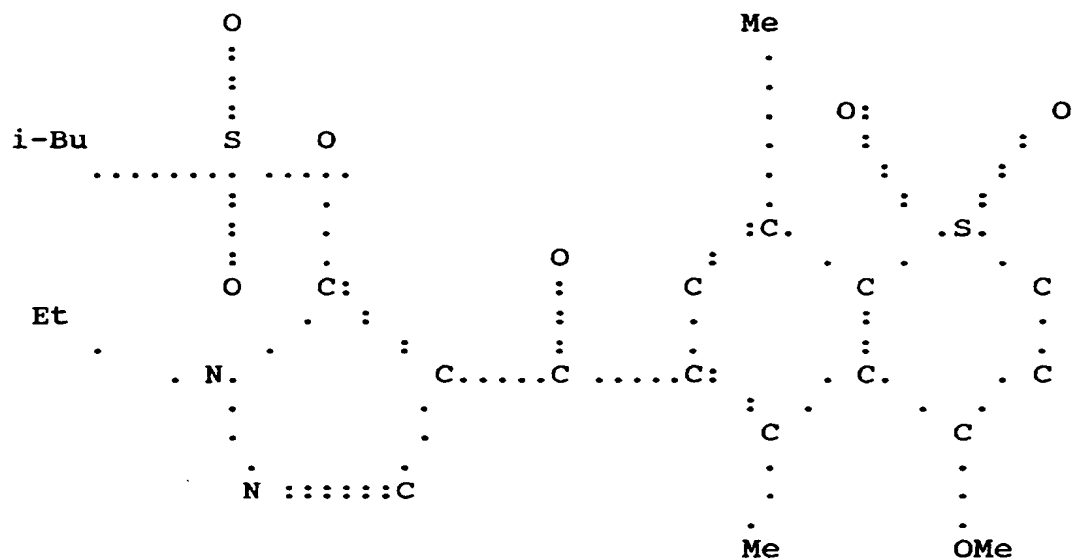
OMe

BNSDOCID: <XP\_\_2171352A\_\_I\_>

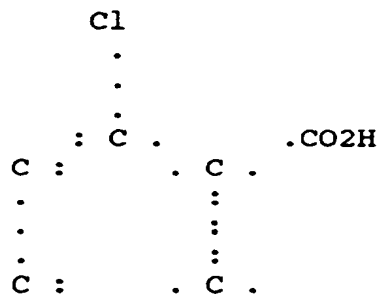


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L15  5 ANSWERS  REGISTRY  COPYRIGHT 2001 ACS
IN   Benzoic acid, 3,6-dichloro-2-methoxy-, mixt. with 4-[(3,4-dihydro-4-
      methoxy-5,8-dimethyl-1,1-dioxido-2H-1-benzothiopyran-6-yl)carbonyl]-1-
      ethyl-1H-pyrazol-5-yl 2-methyl-1-propanesulfonate (9CI)
MF   C22 H30 N2 O7 S2 . C8 H6 Cl2 O3
CI   MXS
```

CM 1



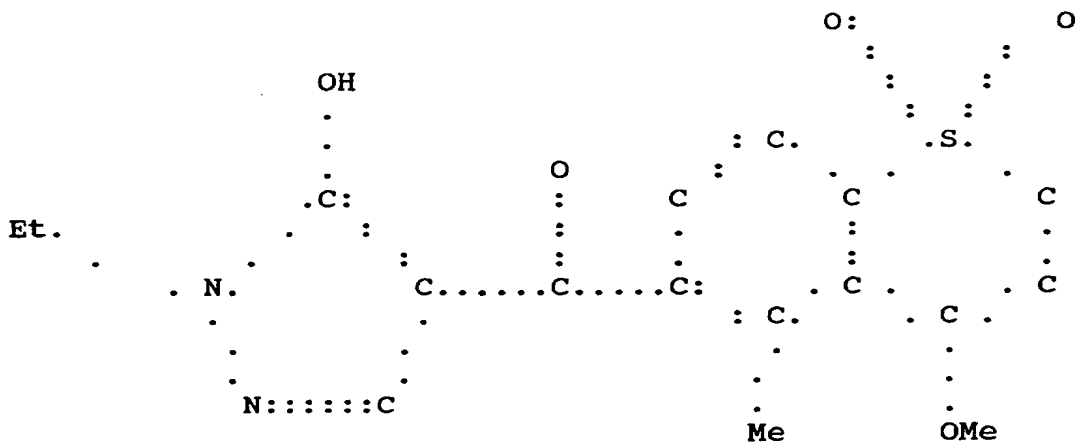
CM 2



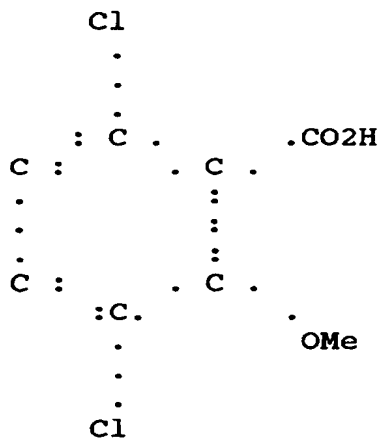
$$\begin{array}{c} :C. \\ \cdot \\ \cdot \\ \cdot \\ Cl \end{array}$$

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L15 5 ANSWERS  REGISTRY  COPYRIGHT 2001 ACS
IN  Benzoic acid, 3,6-dichloro-2-methoxy-, mixt. with (3,4-dihydro-4-methoxy-
    methyl-1,1-dioxido-2H-1-benzothiopyran-6-yl)(1-ethyl-5-hydroxy-1H-pyrazol
    4-yl)methanone (9CI)
MF  C17 H20 N2 O5 S . C8 H6 Cl2 O3
CI  MXS
```

CM 1



CM 2



ALL ANSWERS HAVE BEEN SCANNED

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